

SYSTEM AND METHOD FOR DATA MANAGEMENT**ABSTRACT**

An automated data management system and method for logging, processing,
5 and reporting a large volume of data having different file types, using different
versions, stored on different media, and/or run by different operating systems,
includes a first processor for restoring a plurality of received data files, the data files
being capable of being different file types; a file organizing/categorizing processor for
organizing the received data files into data slices, each data slice including an
10 identification number and a descriptor that describes characteristics of the received
data file; a file logging processor for logging the received data files into a first
database based on the data slices; a data uploading processor for uploading the first
database to a second database; a de-duplicate processor for calculating a SHA value of
the received data files to determine whether the received data files have duplicates and
15 flagging duplicated data files in the second database; an image conversion processor
for converting at least a portion of the received data files into image files; and a
second processor for exporting the image files.

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